Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 29 Jan 2021 until 23:59 on Saturday 30 Jan 2021

Forecast Issued on Friday 29 Jan 2021 at 04:13

Confidence: High for overall developments, but medium in detail from Sunday and also lower confidence for amounts of snow over the weekend.

Headline for Friday 29 Jan 2021: Mostly dry start but outbreaks of rain and drizzle will develop in morning. Turning increasingly to sleet and snow before dying out in afternoon, with a few snow flurries following in evening.

Mountain weather hazards on Friday 29 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Sleet	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability					
20%	30%	60%	40%	20%	<05%

Forecast for Friday 29 Jan 2021

Weather: Rain mostly clearing overnight, then a mostly dry, but cloudy start and cloud thickening again in morning to bring outbreaks of rain and drizzle. Rain and drizzle fizzling out in the afternoon but turning to snow at increasingly lower levels. Cloud breaking up in evening leaving some clear spells, but also a few snow flurries.

Chance of cloud free mountain/hill tops above 800m: 20% or less at first with extensive cloud down to 500m, but 60% by mid-morning, with broken cloud 600-800m. Chance reducing to 20% in afternoon with cloud down to 450m.

Visibility: Good at first becoming moderate occasionally poor, but very poor at height in snow in afternoon. Mostly good in evening.

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Mountain Weather Forecast

Forecast for Friday 29 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/29 W	20/24 NW	15/19 N	19/24 N	20/26 NE	22/29 E	30/39 E
600	21/27 W	15/20 NW	11/14 N	16/22 N	17/23 NE	18/25 E	23/34 E
300	8/23 W	6/18 NW	6/14 N	9/20 N	9/19 NE	10/22 E	14/30 E
Valley	7/20 W	7/18 NW	8/17 N	11/21 N	12/22 NE	12/21 NE	12/24 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-5	2/-4	0/-5	-1/-7	-2/-9	-2/-10	-3/-12
600	4/-2	4/-1	2/-2	1/-4	0/-6	-1/-7	-2/-9
300	5/2	5/2	4/2	3/0	2/-1	1/-3	1/-5
Valley	6/4	6/4	6/3	6/2	4/1	4/-1	3/-2
Freezing Level*	1100m	1100m	1100m	800m	600m	500m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A wind chill on the tops and becoming increasingly likely and more severe in afternoon.

Forecast for Saturday 30 Jan 2021

Weather: Mostly dry and cold overnight with some clear spells but high cloud increasing. Then a dry, bright but rather cloudy and cold day is expected though there is a risk of some snow for a time in morning.

Maximum wind: Easterly 30 gust 40mph, becoming northeasterly for a time, but easterly 15mph in evening.

Chance of cloud free mountain/hill tops above 800m: 70% with generally broken cloud around 9800m, occasionally 600m, though much lower chance if any snow reaches area.

Visibility: Mostly good or very good, but poor or very poor in any snow.

Temperature: **Valleys:** Minus 1 to plus 1 C, minus 4 C in places in evening
At 800m: Minus 3 C
Freezing level: Generally freezing at all levels.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 28 January 2021. Location: Helvellyn summit at 11:35 Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally. Here is today's report: Around 3 inches of fresh snow fell overnight down to around 400m. The freezing level rose to just above summit level during the morning, and it was raining lightly across the tops just before midday. The milder temperatures meant that much of the snow encountered today was soft and heavy making walking quite arduous. Relatively light winds overnight and during the day means that wet snow has settled over much of Helvellyn's summit plateau. As a result, many of the paths have been covered over once again and in today's thick cloud, visibility was reduced significantly giving near whiteout conditions at times. At higher elevations, older patches of névé (refrozen snow) are still quite resistant to the thawing conditions and lie underneath the new snow in places. The greatest accumulations of snow are to be found on steep north through east-facing aspects where significant quantities remain. Fragile cornices (snow overhangs) are also present around many north and east-facing corrie rims and cracks have appeared as they begin to collapse in the milder temperatures. These are a considerable hazard to walkers (especially in reduced visibility) as they are generally found above steep, craggy ground and in close proximity to many of the paths, as well as the trig point on Helvellyn. Please give them a wide berth.Steep and exposed routes such as Striding and Swirral edge are both serious propositions at the moment and should only be attempted by those with sufficient winter mountaineering experience. Anyone venturing above the snowline tomorrow should anticipate challenging conditions with significantly reduced visibility in any cloud. Please do not rely on being able to follow paths or other people's footprints and be prepared to navigate in whiteout conditions. For anyone venturing into the fells, full winter clothing (waterproofs, extra warm layers, hat & gloves), and equipment including mountain boots, ice axe and crampons are essential. Additional items including a map and compass and goggles (for navigating in windy conditions) are also essential. Walking poles and microspikes are also very useful. Please be conservative with your plans and know your limits. Temperature: plus 0.2 C, Maximum wind speed 21.3 mph, Wind chill: minus 7.0 C, Average wind speed: 17.2 mph

Issued at: 04:13 on Fri 29 Jan 2021

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